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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/643,792
		Filing Date	August 19, 2003
		First Named Inventor	David K. Mesecher et al.
		Art Unit	Not Yet Known
		Examiner Name	Not Yet Known
Total Number of Pages in This Submission		Attorney Docket Number	I-2-0097.3US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	PTO-1449
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Frank A. Mazzeo	Reg. No. 46,259
Signature		
Date	3/30/04	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Frank A. Mazzeo	
Signature		Date
	3/30/04	

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

David K. Mesecher et al.

Application No.: 10/643,792

Our File: I-2-0097.3US

Confirmation No.: 4781

Date: March 30, 2004

Filed: August 19, 2003

For: CONTINUOUSLY ADJUSTABLE
BANDWIDTH DISCRETE-TIME PHASE-
LOCKED LOOP

Group: Not Yet Known

Examiner: Not Yet Known

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

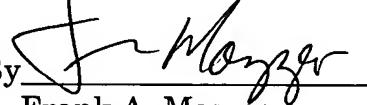
Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. This application is a continuation of U.S. Patent Application Serial No. 09/558,686, filed April 24, 2000, now U.S. Patent No. 6,608,826, issued August 19, 2003; which is a continuation of U.S. Patent Application Serial No. 08/871,109, filed June 9, 1997, now U.S. Patent No. 6,055,231, issued April 25, 2000; which in turn claims priority from U.S. Provisional Patent Application Serial No. 60/037,914, filed March 12, 1997. Since the material cited is from parent application no. 09/558,686 (attorney docket no. I-2-0097.2US), copies of the documents are not enclosed. These documents are identified in the PTO-1449 form by an asterisk (*).

Applicant: David K. Mesecher et al.
Application No.: 10/643,792

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating consideration of the cited materials.

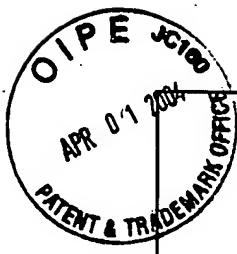
Respectfully submitted,

David K. Mesecher et al.

By 
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FAM/kr
Enclosures



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								ATTY. DOCKET NO. I-2-0097.3		SERIAL NO. 10/643,792				
								APPLICANT David K. Mesecher						
								FILING DATE August 19, 2003		GROUP Not Yet Known				
								U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AA*		3	9	8	3	5	0	1	9/76	Lindstrum				
AB*		4	2	4	3	9	4	1	1/81	Zdunek				
AC*		4	3	5	4	2	7	7	10/82	Crackel et al.				
AD*		4	5	1	3	4	2	9	4/85	Roeder				
AE*		4	6	3	0	2	8	3	12/86	Schiff				
AF*		5	0	4	9	8	3	0	9/91	Yoshida				
AG*		5	0	6	5	1	0	7	11/91	Kumar et al.				
AH*		5	0	2	9	1	8	0	7/91	Cowart				
AI*		5	1	0	1	4	1	6	3/92	Fenton et al.				
AJ*		5	1	4	2	2	4	6	8/92	Petersson				
AK*		5	1	6	6	9	5	2	11/92	Omura et al.				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER						DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION	
													YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														

EXAMINER				DATE CONSIDERED			
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								ATTY. DOCKET NO. I-2-0097.3		SERIAL NO. 10/643,792				
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U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
AL*		5	1	7	5	7	2	9	12/92	Borras et al.				
AM*		5	2	4	1	7	0	0	8/93	Geesen et al.				
AN*		5	3	9	0	2	0	7	2/92	Fenton et al.				
AO*		5	4	0	2	4	4	8	3/95	Marko et al.				
AP*		5	5	4	1	9	6	5	7/96	Daffara				
AQ*		5	6	9	4	3	8	8	12/97	Sawahashi et al.				
AR*		5	7	5	4	5	8	3	5/98	Eberhardt et al.				
AS*		5	7	6	1	2	3	9	6/98	Gold et al.				
AT*		5	7	9	0	5	9	1	8/98	Gold et al.				
AU*		5	9	0	0	7	8	5	5/99	Freed				
AV*		6	0	5	5	2	3	1	4/00	Mesecher et al.				
AW*		6	1	0	1	1	7	6	8/00	Honkasalo et al.				
AX*		6	1	1	5	4	1	1	9/00	Van Driest				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION?		
AY*		9	6	2	0	5	4	0	7/96	PCT			YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														

EXAMINER	DATE CONSIDERED
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